

ABSTRACT OF THE DISCLOSURE⁸

-Abstract

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Method for Three-Dimensional Identification of Objects

Known security systems that, for example, detect and check features of the face for an access authorization have been previously based on the evaluation of the two-dimensional gray-scale image. A decisive enhancement of the recognition dependability is supplied by the additional acquisition and interpretation of the three-dimensional shape of the face. In order to nonetheless be able to implement the registration of the information in a short time and so that the costs of the recognition system are not significantly increased, an encoded illumination is implemented with a digital micro-mirror arrangement in different colors, and the topography of the face is identified via a color picture processing.

Figure 1